ABSTRACT OF THE DISCLOSURE

A managing computer (manager) manages replication of data areas inside a storage or among storages. A storage volume management module of the manager manages policy of the volume and its properties. When replication of a volume is set, a volume of a replication destination appropriate for a volume of a replication source is generated using the policy and the properties to form a replication pair. A route management module of the manager and its volume management module bring the policy and the properties of the volumes, and the policies and conditions of lines into conformity with one another. When any fault occurs in a line route used for data transfer during replication of the volume, a separate line route is utilized, and a fault countermeasure is taken for replication of the volumes in accordance with the policy and properties of the volumes.